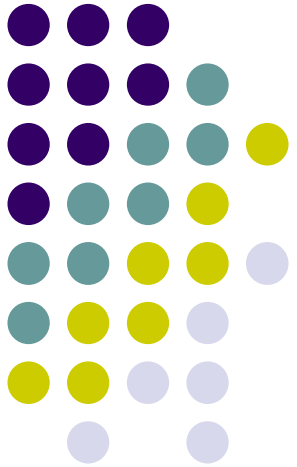
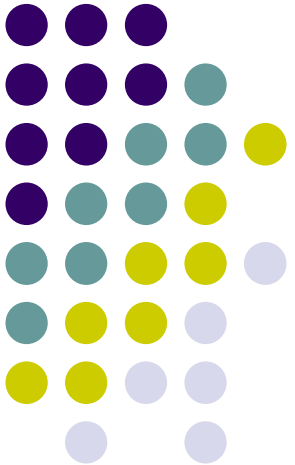
The Lithium Force e-Bus

The world’s most advance electric bus system



About Lithium Force

- Registered in Hong Kong
- Purchased a variety of EV-related businesses &technology including battery pack design and build facilities, recharging expertise and V2G laboratory
- Venture-backed by Chinese and Israeli VC
- Run by professionals drawing out the best of East & West
- Committed to world-class quality of products and service



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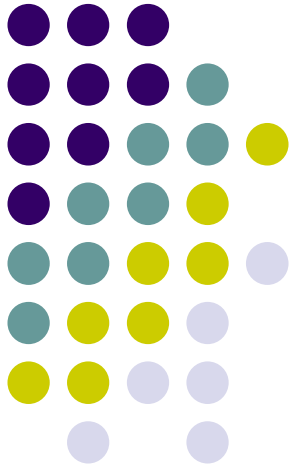
Beijing Summer Olympics, 2008

50 fully electric buses deployed in the Olympic village to transport athletes and Olympic Personnel



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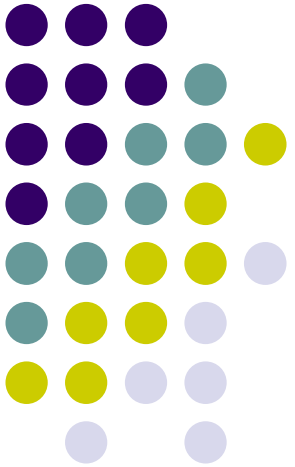
Beijing Metropolitan Transit

50 Olympic buses fully integrated into the city bus fleet



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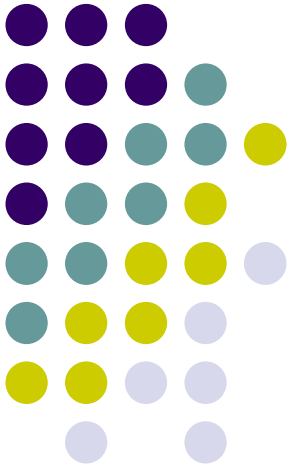
Swappable battery packs

Each bus fitted with ten interchangeable battery packs; buses can travel 130-150km per charge (depending on aircon usage)



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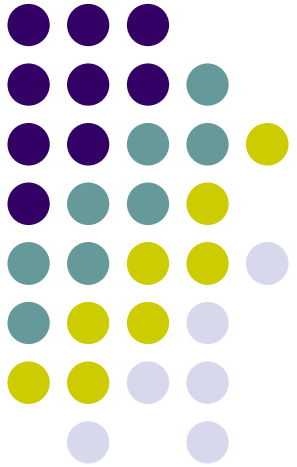
Six minute battery exchange

Buses pull into swap station and 2 robots exchange spent batteries with full ones in less than six minutes



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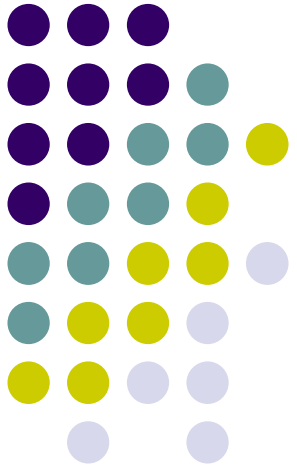
Batteries can be recharged at night

Night time electricity is abundant and cheap – recharging at night allows for increased power grid optimisation



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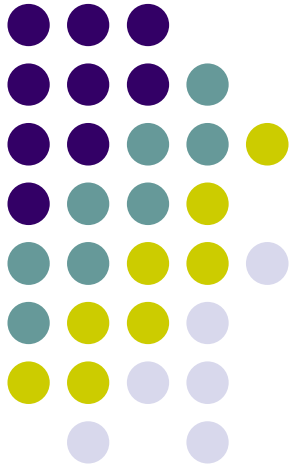
Battery packs fully optimized

Entire set of battery packs optimised by sophisticated recharging software to enhance cell lifetime



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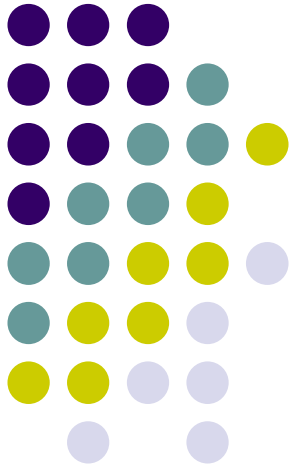
Manual battery swap available

Near-zero down time in case of battery failure – fast manual battery interchange available at roadside



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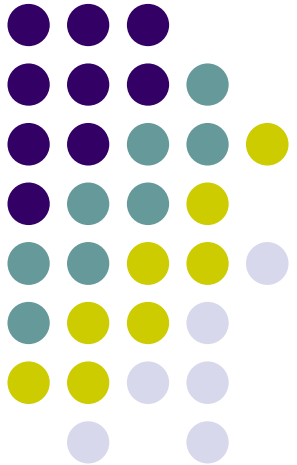
Cost/Benefit

- £140,000: e-Bus extra cost (compared to diesel) (including recharging infrastructure; excluding land for recharging station)
- £35,000: annual fuel and servicing costs for diesel circa (assuming 200miles a day, 64p/litre, 1.5m/litre)
- £2,000: Annual e-Bus operational costs
- Zero emissions = unquantifiable huge benefit
- Costs are fixed (do not fluctuate with oil prices)



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Packs fit underneath the bus and at the rear adding stability and giving easy access.

Buses are deployed in a full operational real-life transit system. This turnkey solution can be rolled out in cities across the world

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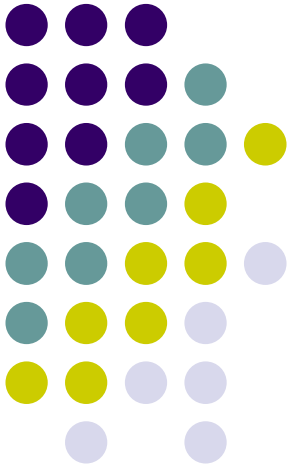
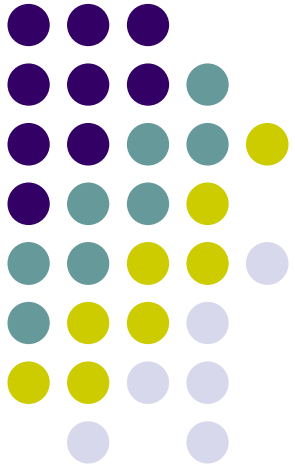
E-Bus advantages over trams/trolley buses

- Much lower infrastructure costs
- No ugly/dangerous overhead wires
- Much lower vehicle costs
- Can use night-time electricity
- Can be deployed anywhere in the city, any time



Potential….

- A 100% Zero Emission bus fleet for small to medium size cities
- Fast implementation, no planning permission required
- Use excess night-time electricity (renewables such as wind, where available)
- Integration with the power grid for peak support
- Technology adaptable for use in city vehicles fleets such as waste collection



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Recap: benefits of battery swap

1. Unlimited range
2. Night time recharge
3. Battery optimisation for longer life
4. Near-zero down time